

The True Northerner.

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TIMELY HINTS FOR SPRAYING

T. A. Farrand, County Agent, Makes Valuable Suggestions for Benefit of the Fruit Growers.

The practice of spraying is, with the growing of most kinds of fruits, the connecting link between success and failure. While different methods are sometimes followed by different fruit growers the principles which underlie the practice of spraying are the same. Thoroughness in application and the proper time with the proper mixture, are very important points in spraying. Inasmuch as spraying, especially in the control of all fungus diseases, is not a cure, but a method of prevention, to get the best results, it is very important to "get there first" and then keep the fruit and foliage covered through the season. At this season of the year, in the dormant stage is the time to control the San Jose scale on nearly all the different kinds of fruits and curl leaf on the peach, both of which can be done with the same application.

I have always used, for the scale spray, 1 to 7 of lime sulphur, that would test 33 baume test. The dry lime sulphur or soluble lime sulphur is coming in use more and more and for scale is recommended at 12 1/2 pounds to 50 gallons of water, or 1 pound to 50 gallons of water when foliage is out. Where the scale is not present in the peach orchard, and the curl leaf alone is being treated, 1 to 20 pounds of lime and sulphur will give satisfactory results. In the orchard that is badly infested with the scale, very thorough work is necessary to get it under control, as it is an insect of sucking type and must be killed by contact. One can see very readily that every one must be touched with the spray in order to destroy it, and to touch all parts of the surface of the bark requires very careful work.

I have followed the practice in orchards of that kind of spraying from both sides of the trees, and going both ways in the orchards. By doing it very thoroughly with this method, which is more than most growers do, I have been able to get the scale under complete control in a single season in very badly infested orchards. Two points that are very apt to be missed in spraying, are the new growths in the tops of the trees, and the points nearest the sprayer. In spraying for the green aphid, our State Entomologist, R. H. Pettit, does not recommend the use of the nicotine solutions in connection with the strong lime-sulphur spray, but recommends it use either alone, or with the weaker solution of lime-sulphur, 1 to 40 or 50 when the pink begins to show in the blossoms, using one and one half pints of black leaf to 40 to 200 gallons. If used alone, 4 pounds soap should be dissolved and used to help to make it stick.

The aphid has proved to be a serious pest in the last few years with the apple growers but if taken at the proper time there is no reason why the nicotine solutions should not control them. Many growers are using the scale spray as late

as they can before the blossoms come out, and are well satisfied with the results, however, claiming sometimes they burn the edges of the foliage a little with the full strength solution. Personally, I have always given the scale spray from the first to the middle of April, and then been very sure to give a spray when the apples begin to show the pink in the blossoms and the blossoms were opened up so I could protect the little stems with the weaker spray solution, using one gallon of lime and sulphur to 40 or 50 of water. If in an orchard where leaf eating insects are necessary to control, add the arsenate of lead, 2 or 3 pounds to 50 gallons of solution. After five years experience in spraying with lime and sulphur for apples, I would not give a cent a pound for blue vitriol to control the apple scab fungus. I have gotten the very best of results with the lime and sulphur solutions and avoid the rusting of the fruit which we used to get when using the bordeaux mixture through the season.

T. A. Farrand,
County Agent.

COMMISSIONERS NAMED BY BOARD

The newly elected board of supervisors met at the court house on Wednesday to organize and for the consideration of the county road question.

Supervisor Burger of Bangor was elected chairman. The committee appointments were not given out. After much discussion it was decided to appoint three county road commissioners at a salary of \$5 per day each. Commissioners to pay their own expenses. Following are the commissioners appointed: Louis H. Weber, Pine Grove; Chas. Converse, S. Haven; Frank Stapleton, Decatur.

SOME MINSTREL SHOW

DeRue Brothers Minstrels were exceptionally good and everybody was well pleased

The minstrel show given Wednesday evening at the Longwell opera house, under the direction of the DeRue Brothers was the real thing and made a hit with everyone present. The first part was the usual circle of black faces all beaming with animation, (no dead ones present.) The songs were some of the latest and the jokes above the average in cleverness and brought forth much laughter from the audience. The second part consisting of the various stunts of clever performers did not lag one minute from start to finish. The dancing and acrobatic stunts showed that they were executed by stars. The quartet of varied personalities made the hit of the evening and were obliged to respond to encore after encore. The fleshy boy was sure some child. All in all it was the best show of its kind that we have had in our city for a long time.

TEACHERS EXAMINATIONS IN PAW PAW

Teachers Examinations will be held at Paw Paw April 27th-28th and requirements for obtaining a certificate have been changed in two ways. A law passed by the last legislature makes a term at a Normal school or a half year in college a necessary condition for obtaining a certificate; in other words a summer term at a state normal before a certificate can be obtained.

The other change relates to the granting of a renewal of a certificate previously granted and it is explained in this letter which is sent out to members of the boards of examiners by the Superintendent of Public Instruction.

Lansing 3-24-1916.

To County Boards of School Examiners: To promote professional training and to encourage a more adequate preparation of teachers the Department of Public Instruction recommends that candidates for renewal of county certificates shall file for each renewal four advanced credits (12 weeks work in each subject from a State Normal or other approved school. This requires two six weeks' terms or one 12 weeks term.

It is further recommended that for those whose certificates expire this year, two credits (twelve weeks work in each subject) be substituted for the above requirement.

Yours Very Truly,
Fred L. Keeler.

REPUBLICAN CAUCUS LAST SATURDAY

The meeting of the republican caucus for the selection of 17 delegates to the county convention was held in the council rooms Saturday afternoon, April 15.

The caucus was called to order by Paul Smith by reading of the call. On motion Merle H. Young was made chairman.

On motion Jay L. Dodge was made secretary.

The chairman appointed Carl Wolfe, Royal Decker and F. N. Wakeman tellers.

Moved by B. F. Warner and seconded that each one present vote for 17 delegates and the 17 receiving the highest number be the delegates to the county convention. Motion carried.

The 17 receiving the highest were as follows: Royal Decker, Glenn E. Warner, Thos. B. Woodman, C. W. Van Tassel, Paul Smith, F. N. Wakeman, K. W. Broughton, Wm. Killefer, Merle Young, Edward Nash, Harry Showerman, Leo Prater, Wm. C. Mosier, A. O. Duncombe, Luman J. Dunham, B. F. Warner, Elmer Cornell.

Mrs. A. D. Ferguson living near Prospect hill, south of the city passed away at her home Tuesday. The funeral was held at the home Thursday morning, conducted by Rev. E. H. Harvey, burial at Prospect.

Mrs. Jennie Rhodes of Climax is the guest of her sister, Mrs. W. C. Willey

REPUBLICANS MET IN CONVENTION

Delegates to District and State Convention Selected at Hartford Last Tuesday.

The republican county convention was held at Hartford last Tuesday, when delegates were elected to attend the fourth congressional district convention to be held at Niles next Tuesday, and the state convention at Lansing, May 3.

Under the county call the convention was entitled to 156 delegates, whereas there were but 95 delegates seated in the convention. R. W. Broughton, chairman of the county committee, called the convention to order and called Hon. Lynn J. Lewis to the chair as temporary chairman. Mr. Lewis responded with a ringing republican speech, which met the approval of the convention. C. M. Jennings of Lawrence was made temporary secretary. Committees on credentials and permanent organization and order of business were appointed and the convention adjourned until after dinner.

The only contest in the convention was over the adoption of the report of committee on permanent organization and order of business. One clause of the report provided that in the selection of delegates the roll of townships be called alphabetically instead of numerically as has been the custom. Another clause provided that delegates to the state and district conventions might be selected from any part of the county regardless of the precinct they were to represent.

B. F. Warner offered an amendment that the roll should be called according to the numerical strength of the precincts and led the fight for the amendment. B. G. Davis of Lawton, who was a member of the committee and who stated that he had written the report, led the fight in opposition to the amendment. On the vote the original clause relative to roll call carried. Chas. Robinson of Lawrence then offered an amendment which provided that delegates must be residents of the precincts from which they are selected. Mr. Robinson and Mr. Warner championed the amendment and Mr. Davis fought for the original report. The amendment carried and all delegates were selected from the precincts they were to represent.

At the conclusion of the business of the convention and just prior to adjournment, Wm. C. Mosier offered a resolution favoring the state dry campaign. There was no discussion of the resolution and it carried without opposition. Some in the convention did not vote, and while it is probable that 90 percent, if not more, of those present favor the state wide prohibitory amendment and will vote for it next fall, yet there was a sentiment, both from a political and prohibition standpoint, that the resolution should not have been brought before the convention.

Following are the delegates elected to attend the district convention at Niles, Tuesday:
Antwerp—H. H. Adams, C. W. Harper.
Arlington—F. G. Cleveland, John A. Lee.
Bangor—T. J. Mutchler, Geo. Adams.
Columbia—Chas. D. Chamberlin, Fred Reinshuttle.
Covert—E. J. Kirby, L. T. Moore.
Decatur—E. R. Washburn, Emory Place.
Geneva—E. Lundy.
Hartford—Edward G. Hickey.
Keeler—Chester Baggerley.
Lawrence—L. T. Chase.
Paw Paw—Glenn E. Warner.
South Haven City—Geo. C. Monroe.
Ray McCrimmon, G. H. Myhan.
The delegates to the state convention at Lansing on May 3 are as follows:
Antwerp—B. G. Davis, C. W. Johnson.
Arlington—L. J. Lewis.
Bangor—Chas. King, M. F. Russell.
Columbia—Geo. H. Malley.
Covert—Thos. Spellman, C. R. Higbee.
Decatur—Leroy Hinckley, Jesse Wiles.
Geneva—Clifton Pierce.
Hartford—G. W. Merriman, C. M. Van Riper.
Keeler—N. F. Simpson, Jr., Chas. Duncombe.
Lawrence—Geo. A. Cross.
Paw Paw—M. H. Young, F. N. Wakeman.
South Haven—Earl Hemenway, S. H. Wilson.

Mrs. Will Payne returned to the home here Wednesday from the south, where Mr. Payne and she have spent the winter months. Mr. Payne will come later.

The many friends of Judge Des Voignes will be sorry to hear that he is suffering with an attack of sciatic rheumatism and under the care of a trained nurse.

FUNERAL OF LAMENTED MRS. DES VOIGNES

The last sad rites were paid to the memory of Mrs. L. B. Des Voignes at her beautiful home in Cassopolis last Sunday afternoon at 2:30. The large gathering of loving and sympathetic friends from her girlhood home of Mendon also from Marcellus, Dowagiac, Kalamazoo and Paw Paw and the old friends and neighbors in Cassopolis, the home of Mr. and Mrs. Des Voignes gave evidence of the respect and high esteem in which she was held.

The room in which Mrs. Des Voignes slept was a bower of beautiful flowers, silent tokens of the love of sorrowing friends there assembled to bid farewell to one that they knew had always been a kind and faithful friend to many. She was a person to make friends by the score and to hold that friendship forever sacred. The solo, "A Perfect Day" was sung at her request and the "Good Bye" song at the request of the broken hearted husband, with whom she has traveled the "Ups and Downs" of life's fitful journey for the past thirty years, both meetings its sorrows and sunshine together. Now the fond husband is left alone to make the rest of the journey without the aid of her kindly words of encouragement and assistance.

Rev. E. H. Harvey spoke in beautiful and touching words of her life among us and elsewhere. About one hundred from here attended the funeral. Mr. Des Voignes has the heart felt sympathy of all in this the hour of his great sorrow.

WILL ORGANIZE AT COUNTY MEETING

There will be a mass meeting at Paw Paw, Monday, April 24. At the general election in November state wide prohibition of the liquor traffic will be submitted to a vote.

In order to effect an organization to conduct the campaign in Van Buren county a mass meeting will be held in Paw Paw on the above date. Afternoon session at 2 o'clock, evening session at 8 o'clock. Members of the State committee will be present to assist in effecting an organization.

There will be two afternoon meetings, one for men at the M. E. church to be addressed by Grant M. Hudson, state superintendent of the Anti-saloon League and at the Baptist church a meeting for the women will be addressed by Mrs. Caulkins, state president of the W. C. T. U.

Friends of state wide prohibition, both men and women are urged to be present. A pot luck supper will be served at the Baptist church for visitors and delegates, to which the ladies of the town are asked to contribute, after which the evening meeting will be held in the M. E. church, beginning at 8.

Mr. and Mrs. Leo Warner expect to move in the Jennings' house on East Main street as soon as they are through making the repairs on the house.

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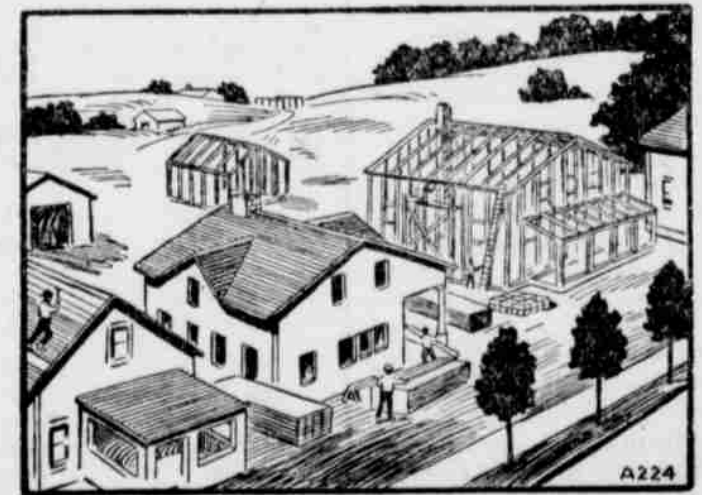
On Saturday, April 22nd we will celebrate our first year's business anniversary. The business relationship within the store has been very pleasant and very satisfactory. The relationship between our store and the public has been from our standpoint very agreeable and appreciative. We believe we are justified in assuming that our large circle of patrons are satisfied with our efforts to please and the manner in which we conduct our business.

We have built and increased our business on the platform of courteous service and dependable quality of merchandise. The public is entitled to demand these qualifications from any store with whom it deals, and it is very gratifying to us to have our patron's stamp of approval placed on our business methods.

In acknowledging our appreciation we will on Saturday, April 22nd, refund 5% in cash on all cash purchases for this day.

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